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ENGINEERS COUNCIL

At the first meeting of the Council, discussion and enthusiasm centered around plans for a real Engineers' Day. It is believed that such a celebration will be indorsed by the students, since its value is unquestionable. Tentative plans include a campus parade with floats arranged by the student engineering societies and others, and it is hoped that Texnikoi will have its election on that day. Other features will be more extensive department exhibits, which with the declaration of a full holiday (probable) should attract widely. Preparations will be carried on by a committee of the whole and the aid and suggestions of all engineering students will be solicited.

Officers elected for the coming year by the Council are A. J. Breitenstein, representative to Boost Ohio; A. M. Mock, secretary-treasurer, and J. W. Mercer, chairman of the social committee.

The first Engineers' Dance will probably be given Friday, November 20th, which is the week before Thanksgiving.

METALLURGY

The Student Branch of the Society of Metallurgical Engineers had its initial meeting in Lord Hall at 7 p. m., October 6th. Following the opening of the meeting by President Sawyer, the society was addressed by Professor Demorest on the subject of cooperation between new and old members.

Following Professor Demorest's address the following officers were elected: President, Grosvenor; Vice President, Armstrong; Secretary-Treasurer, White; Athletic Manager, McCormick; Representative to Engineers' Council, Sawyer; Chairman Membership Committee, Quick; Representative *Ohio State Engineer*, White.

After the election of officers the meeting was turned over to the social committee, which lived up to its reputation, and cider, doughnuts and good fellowship ruled the members.—H. C. W.

Editor's Note.—We suspect that cider had the edge.

AMERICAN CERAMIC SOCIETY

Probably the largest attendance in years was registered at the first meeting of the Student Branch of the American Ceramic Society on Tuesday night, October 6th. Bill Taylor presided and after acquitting himself of all derogatory charges (made by himself) concerning his handling of the Society's funds, the meeting proceeded with the usual enthusiasm.

The faculty members of the department made brief addresses, as did Mr. Boles and others of the Bureau of Mines.

To encourage thoughtful consideration in the election of officers, a committee of nominations composed of Merry, Birch and Wakefield was elected. A relevant motion which carried made it necessary for all candidates for offices to have a petition bearing ten signatures, and to present this to the committee appointed. Election of officers was scheduled for a meeting in Lord Hall, October 20th.

"TELEPHONE COMMUNICATION"

"Telephone Communication" is a book recently published by Professor Chas. Allen Wright and Assistant Professor Albert Frederick Puchstein, both of the department of electrical engineering.

The book presents a fundamental treatment of the basic principles of telephone communication. It gives a verbal as well as mathematical explanation of telephone transmission and with each section of the discussion such a background of history and conditions is given that the reader will fully understand the problems under discussion. In this book are explained the fundamental engineering principles of telephone communication as applied primarily to medium frequency alternating current problems.

It includes discussions of sound and speech, telephone systems, telephone apparatus, the transmission of electrical energy over circuits, methods of increasing range of telephone transmission and methods of increasing the utility of long distance telephone circuits.

Each chapter of this book is accompanied by questions, problems, and recommended references and will be found useful to advanced electrical engineering students as well as graduate students. —W. J.

MACHINE DESIGN

Professor C. A. Norman of the department of mechanical engineering of the Ohio State University, has now published his "Principles of Machine Design." The book—an extensive volume—contains 710 pages, 107 tables and 585 illustrations. The aim of the book is to carry through actual sample designs in detail so as to make rational design methods easy to the beginner. In addition it scrutinizes critically all current methods and data on the basis of reputable theory, practice and experimentation, so as to give as far as possible the best directions available at the present time.

The book contains everything that has been given in the course in machine design at the University in the last eight years. When its range is considered, you will be surprised at the completeness of detail.

Concise, thorough, adaptable, illuminating—all this can be said of Professor Norman's new text book. To the mechanical engineer it is indispensable. To others it will be a valuable addition to the reference shelf.

—W. J.

DEPARTMENT EDITORS

THE OHIO STATE ENGINEER wishes to announce the election of the following department editors: mechanical engineering, Raymond H. Croll, metallurgical engineering, Harry C. White, and civil engineering, Milton Hegler.

Note.—A revision of the constitution of THE OHIO STATE ENGINEER provides for a department editor to be elected by each departmental engineering society. The men chosen will also serve on the Advisory Board, which elects the managing editor, editor, business manager, circulation manager and the advertising manager. As yet few of the organizations have had their initial meeting, and so the active duties of the new men will begin with the second issue.